

# Work Order ID 71985

Friday, July 15, 2011 8:18:16 AM



Page 1

Item ID: D350-764-011

Accept



Setup Start



Revision ID:

Item Name: Shoulder Harness

Stop



Start Date: 7/15/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 7/29/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

Date: 11-07-15

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

IIN-D350-764

Rev B - U/R

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP D350-764-011 CHG002

11 07 28 ①  
11-7-18

110

0.00



Pick Kit

Packaging

Packaging

Memo

0.00

Packaging

11/7/18

120

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

11 07 28 ①

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 71985**

Friday, July 15, 2011 8:18:16 AM



Page 2

Item ID: D350-764-011

Accept



Setup Start



Revision ID:

Item Name: Shoulder Harness

Stop



Start Date: 7/15/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 7/29/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 	Packaging	0.00							
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D350-764-011 Location: <u>SD</u> PPP Rev: <u>SD</u>								
140 	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

11/7/28

SD

11/29/28

11-07-28

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Friday, July 15, 2011 8:18:24 AM

Page 1

Work Order ID: 71985

Parent Item: D350-764-011

Parent Item Name: Shoulder Harness

Start Date: 7/15/2011

Required Date: 7/29/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A New issue 07-10-11 DD verified by EC  
IPP Rev:B ECN 1050 rev.B as per dwg 08-01-10 DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

ALS4-T032-130

Purchased

No

110

Each

2,338.000

16



Insert

Location

Loc Qty

Loc Code

ST281

8

117331

8

ST282

2330

117717

330

118237

1744

118312

256

AN3-3A

Purchased

No

110

Each

383.0000

32



Bolt

Location

Loc Qty

Loc Code

ST350

383

116924

8

117619

75

117795

300

AN3-6A

Purchased

No

110

Each

302.0000

16



Bolt

Location

Loc Qty

Loc Code

ST351

302

116704

2

117441

300

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Friday, July 15, 2011 8:18:24 AM

Page 2

Work Order ID: 71985

Parent Item: D350-764-011

Parent Item Name: Shoulder Harness

Start Date: 7/15/2011

Required Date: 7/29/2011

Start Qty: 1.00

Required Qty: 1.00

AN4-10A  
Bolt

Purchased No 110 Each 166.0000

Location Loc Qty Loc Code

ST356 166  
117313 41  
117619 125

AN960JD10 NAS1149D0363J Purchased No

110 Each 0.0000

Washer

AN960JD916 NAS1149D0963J

Purchased No

110 Each 0.0000

WASHER

AN970-6

Purchased No

110 Each 22.0000

Washer

Location Loc Qty Loc Code

ST349 22  
116419 22

CCR264SS3-3

Purchased No

110 Each 517.0000

Cherry Rivet

Location Loc Qty Loc Code

FP-B 2  
113973 2  
ST311 515  
117086 57  
117849 458

Friday, July 15, 2011 8:18:24 AM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

Friday, July 15, 2011 8:18:24 AM

Page 3

Work Order ID: 71985

Parent Item: D350-764-011

Parent Item Name: Shoulder Harness

Start Date: 7/15/2011

Required Date: 7/29/2011

Start Qty: 1.00

Required Qty: 1.00

CR3212-4-2

Purchased

No

110

Each

87.0000

4

4

Cherry Rivet

Location

Loc Qty

Loc Code

ST311

87

110806

6

112794

81

CR3212-5-04

Purchased

No

110

Each

60.0000

4

4

Rivet

Location

Loc Qty

Loc Code

ST312

60

112082

60

CR3212-5-07

Purchased

No

110

Each

44.0000

4

4

Rivet

Location

Loc Qty

Loc Code

ST312

44

114551

44

D2854

Manufactured

No

110

f

104.8314

2.666

2.666

3/4" Velcro Strip

Location

Loc Qty

Loc Code

ST415

104.83137

69425

79.82737

69562

25.004

(4X) 8.00" per dwg D2854-1/-3-080

Friday, July 15, 2011 8:18:25 AM

Shop Packet Print

Page 3

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Friday, July 15, 2011 8:18:25 AM

Page 4

Work Order ID: 71985

Parent Item: D350-764-011

Parent Item Name: Shoulder Harness

Start Date: 7/15/2011

Required Date: 7/29/2011

Start Qty: 1.00

Required Qty: 1.00

D3578-041



Doubler

Manufactured No 110 Each 43.0000

16 16

Location

Loc Qty

Loc Code

ST245A

43

68775

43

Manufactured No 110 Each 0.0000

D3636-041



Shoulder Harness

D3637-041



Bracket Assembly

Manufactured No 110 Each 7.0000

Location

Loc Qty

Loc Code

ST245A

7

69602

7

Manufactured No 110 Each 0.0000

D3637-3



Bracket

D3638-1



Bushing

Manufactured No 110 Each 10.0000

Location

Loc Qty

Loc Code

ST244

10

71007

10

Manufactured No 110 Each 8.0000

D3639-1



Doubler

Location

Loc Qty

Loc Code

ST244

8

71149

8

Friday, July 15, 2011 8:18:25 AM

Shop Packet Print

Page 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Friday, July 15, 2011 8:18:25 AM

Page 5

Work Order ID: 71985

Parent Item: D350-764-011

Parent Item Name: Shoulder Harness

Start Date: 7/15/2011

Required Date: 7/29/2011

Start Qty: 1.00

Required Qty: 1.00

D3639-2  
Doubler

Manufactured No 110 Each 3.0000

1 1  
sl

Location Loc Qty Loc Code

ST244 3  
64823 3

Manufactured No 110 Each 3.0000

1 1  
sl

Location Loc Qty Loc Code

ST244 3  
64824 3

Manufactured No 110 Each 3.0000

1 1  
sl

Location Loc Qty Loc Code

ST244 3  
64819 3

Manufactured No 110 Each 9.0000

2 2  
sl

Location Loc Qty Loc Code

ST244 9  
69628 9

Manufactured No 110 Each 9.0000

2 2  
11/7/18 sl

Location Loc Qty Loc Code

ST244 9  
69627 9

2

Friday, July 15, 2011 8:18:25 AM

Shop Packet Print

Page 5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Friday, July 15, 2011 8:18:25 AM

Work Order ID: 71985



Parent Item: D350-764-011



Parent Item Name: Shoulder Harness

Start Date: 7/15/2011

Required Date: 7/29/2011

Start Qty: 1.00

Required Qty: 1.00

*ml*  
x1 D3641-1  
Cover

Manufactured No 110 Each 7.0000



27  
SD

Location Loc Qty Loc Code  
ST260 7

71145

7

*ml*  
x1 D3641-3  
Cover

Manufactured No 110 Each 2.0000



2  
SD

Location Loc Qty Loc Code  
ST260 2

64817

2

*ml*  
x1 D3641-4  
Cover

Manufactured No 110 Each 1.0000



1  
SD

Location Loc Qty Loc Code  
ST260 1

64818

1

*ml*  
x1 D3642-1  
Doubler

Manufactured No 110 Each 5.0000



2  
SD

Location Loc Qty Loc Code  
ST244 5

71142

5

*ml*  
x1 D3643-1  
Stiffener

Manufactured No 110 Each 1.0000



2  
11/17/11 SD

Location Loc Qty Loc Code  
ST244A 1

60580

1

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

Friday, July 15, 2011 8:18:26 AM

Page 7

Work Order ID: 71985

Parent Item: D350-764-011

Parent Item Name: Shoulder Harness

Start Date: 7/15/2011

Required Date: 7/29/2011

Start Qty: 1.00

Required Qty: 1.00

D3643-2  
Stiffener

Manufactured No 110 Each 5.0000

1

1

Location Loc Qty Loc Code  
ST244A 5

70073

5

Manufactured No 110 Each 10.0000

2

2

Location Loc Qty Loc Code  
ST244A 10

71144

10

Manufactured No 110 Each 4.0000

1

1

Location Loc Qty Loc Code  
ST244A 4

64821

4

Purchased No 110 Each 2,059.000

32

32

Location Loc Qty Loc Code  
ST316 2059

19099

2059

Purchased No 110 Each 2,386.000

106

106

Location Loc Qty Loc Code  
ST317 2386

116188

2386

MS20426AD3-3  
Rivet

MS20426AD4-4  
Rivet

Friday, July 15, 2011 8:18:26 AM

Shop Packet Print

Page 7

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Friday, July 15, 2011 8:18:26 AM

Page 8

Work Order ID: 71985

Parent Item: D350-764-011

Parent Item Name: Shoulder Harness

Start Date: 7/15/2011

Required Date: 7/29/2011

Start Qty: 1.00

Required Qty: 1.00

MS20426AD4-6 Purchased

No

110

Each

1,155.000

28

28



Rivet

Location

Loc Qty

Loc Code

ST317

1155

110139

555

117505

600

110

Each

2,919.000

8

8

MS20470AD4-6 Purchased

No



Rivet, Universal Head

Location

Loc Qty

Loc Code

ST319

2919

117395

1404

117887

1515

110

Each

96.0000

16

16

MS21059L3 Purchased

No



Nut Plate

Location

Loc Qty

Loc Code

ST301

90

118234

90

ST302

6

116706

6

110

Each

24.0000

8

8

MS21072-L3 Purchased

No



Nutplate

Location

Loc Qty

Loc Code

ST302

24

117343

14

118077

10

Friday, July 15, 2011 8:18:26 AM

Shop Packet Print

Page 8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Friday, July 15, 2011 8:18:26 AM

Page 9

Work Order ID: 71985

Parent Item: D350-764-011

Parent Item Name: Shoulder Harness



Start Date: 7/15/2011

Required Date: 7/29/2011

Start Qty: 1.00

Required Qty: 1.00

MS35207-267

Purchased

No

110

Each

57.0000

8 8



Screw



11/7/11

Location

Loc Qty

Loc Code

ST295

57

117395

57

8

Friday, July 15, 2011 8:18:27 AM

Shop Packet Print

Page 9

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

## 5.0 PARTS LISTS

QTY -011	Dart Part Number	Geneva Part Number	Description
X	D350-764-011	P131	Shoulder Harness Kit
4	D2854-1-080	N/A	VELCRO STRIP
4	D2854-3-080	N/A	VELCRO STRIP
16	D3578-041	N/A	DOUBLER
4	D3636-041	N/A	SHOULDER HARNESS
4	D3636-11	G10601-2	SHOULDER BELT
4	D3636-13	G10601-4	LAP BELT
4	D3637-041	G10602-1	BRACKET ASSEMBLY
4	D3637-3	G10609-1	BACKER PLATE
4	D3638-1	G10608-2	BUSHING
1	D3639-1	G10604-3	DOUBLER
1	D3639-2	G10604-6	DOUBLER
1	D3639-3	G10604-4	DOUBLER
1	D3639-4	G10604-5	DOUBLER
2	D3640-1	G10605-1	BELT GUIDE
2	D3640-3	G10605-2	BELT GUIDE
2	D3641-1	G10606-3/-6	COVER
1	D3641-3	G10606-5	COVER
1	D3641-4	G10606-4	COVER
2	D3642-1	G10607-1/-2	DOUBLER
1	D3643-1	G10610-2	STIFFENER
1	D3643-2	G10610-1	STIFFENER
2	D3644-1	G10610-3	SHIM
1	D3657-1	G12170	GUIDE TOOL
16	ALS4-1032-130	N/A	INSERT
32	AN3-3A	N/A	BOLT
16	AN3-6A	N/A	BOLT
4	AN4-10A	N/A	BOLT
48	AN960JD10	N/A	WASHER
4	AN960JD916	N/A	WASHER
4	AN970-6	N/A	WASHER
16	CCR264SS-3-03	N/A	RIVET
4	CR3212-4-02	N/A	RIVET
4	CR3212-5-04	N/A	RIVET
4	CR3212-5-07	N/A	RIVET
32	MS20426AD3-3	N/A	RIVET
106	MS20426AD4-4	N/A	RIVET
28	MS20426AD4-6	N/A	RIVET
8	MS20470AD4-6	N/A	RIVET
16	MS21059L3	N/A	NUTPLATE (OR MS21059-3)
8	MS21072L3	N/A	NUTPLATE (OR MS21072-3)
8	MS35206-267	N/A	SCREW

\*Included with D3636-041